

What is claimed is:

1. A fuel cell vehicle driven by generated electric power of a fuel cell, the vehicle comprising:
a fuel cell box disposed under a floor of the fuel
5 cell vehicle for storing the fuel cell;

a deformation detecting sensor for detecting a deformation of a vehicle body sideward of the fuel cell box; and

a protection device for implementing a predetermined
10 protecting operation of the fuel cell when the deformation detecting sensor detects a predetermined amount of deformation of the vehicle body.

2. A fuel cell vehicle as set forth in Claim 1,
5 wherein the deformation detecting sensor comprises a plurality of acceleration sensors, and wherein the vehicle body deformation amount is obtained based on a difference in travel of a vehicle body calculated from accelerations detected by the respective acceleration sensors.

3. A fuel cell vehicle as set forth in Claim 1,
wherein the deformation detecting sensor is a stroke sensor provided at a side of the fuel cell box.

4. A fuel cell vehicle as set forth in Claim 2,

wherein the deformation detecting sensor comprises two acceleration sensors, one sensor disposed substantially at the center of the vehicle, the other sensor disposed on a side of the vehicle.